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3600.2390-D2
January 28, 2002 (2:17PM)

Docket: AM-2390-D2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jianming FU

Attorneys Docket: AM-2390.D2

Serial No.: 09/918,136

Art Unit No.: 1753

Filed: July 30, 2001

Examiner: S. Versteeg

For: "SELF IONIZED SPUTTERING USING A HIGH DENSITY PLASMA SOURCE"

Commissioner for Patents
Washington, DC 20231

AMENDMENT UNDER 37 CFR §1.115

Sir:

In a Preliminary Amendment for consideration before initial examination and in response to the telephone Restriction Requirement of January 28, 2002, please amend the above application as follows:

Replace the claims with:**Please cancel Claims 1-5.**

6. A method of sputtering a material from a target comprising a metal onto a working substrate supported on a pedestal in a system including a magnetron disposed on a side of said target opposite said pedestal and including an outer pole of one magnetic polarity and surrounding an inner pole of another magnetic polarity, wherein said outer pole extends from said center of said target to a peripheral portion of said target and has an area smaller than a similarly extending circle, said method comprising:

rotating said magnetron about a center of said target to achieve full sputtering coverage of said target; and
capacitively coupling power into said chamber at least partially by applying DC power to said target but not including inductively coupling power into said chamber to

****FACSIMILE COVER SHEET****

TO: Exr. S. Versteeg
USPTO
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Re: Rule 115 Amendment

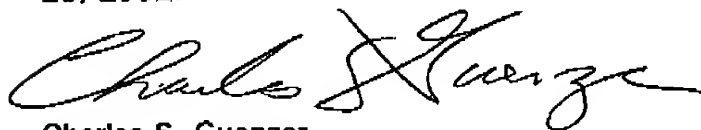
Your Ref: USSN 09/918,136

Our Ref: AM-2390.D1

REMARKS

Attached is a preliminary, as discussed in our teleconference of 1/28/02.
(1) Rule 115 Amendment (5 pp.)

I certify that the above papers are being faxed to the above fax number on January 28, 2002.



Charles S. Guenzer
Reg. No. 30,640

Date: 1/28/02

No. of Pages (including cover): 6